

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
 (Use several sheets if necessary)
Applicant  
Christopher Jones et al.Filing Date  
March 1, 2004Group  
2878**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
OG	AA*	4951287	08/21/1990	Wyeth et al.	372	32	
AIR OG	CB*	4990780	02/05/1991	Lee et al.	250	343	
OG	AC*	5317156	05/31/1994	Cooper et al.	250	345	
OG	AD*	5640014	06/17/1997	Sauke et al.	250	339.03	05/22/1996
OG	AE*	5841533	11/24/1998	Atkinson	356	326	06/13/1997
OG	AF*	5864398	01/26/1996	Murnick	365	311	06/06/1995
OG	AG*	5929442	07/27/1999	Higashi	250	339.13	03/27/1997
OG	AH*	5957858	09/28/1999	Micheels et al.	600	529	12/10/1996
OG	AI*	4492862	01/08/1985	Grynnberg et al.	250	255	
OG	AJ*	4517461	05/14/1985	Crandall	250	282	
OG	AK*	6202470	03/20/2001	Chou	73	24.02	08/31/1999
OG	AL*	6483589	11/19/2002	Suzuki et al.	356	437	07/06/2000
OG	AM*	2001/0025927	10/04/2001	Ankerhold	250	338.5	02/28/2001
OG	AN*	5747809	05/05/1998	Eckstrom	250	345	06/11/1996
OG	AO*	4922747	05/08/1990	Wall	73	61.1	
OG	AP*	5445964	08/29/1995	Lee et al.	463	60	05/11/1994
OG	AQ*	5543621	08/06/1996	Sauke et al.	250	339.03	05/15/1995

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES NO
OG	AR*	DE19962589	19.07.2001	Germany			
OG	AS*	EP0426232A2	04/08/1991	EPO			
OG	AT*	JP9297061	07/27/1999	JAPAN			
OG	AU*	JP11094737	07/09/1999	JAPAN			
OG	AV*	EP1111370	06/27/2001	EPO			
OG	AW*	EP1111369	06/27/2001	EPO			
OG	AX*	JP4364442	12/16/1992	JAPAN			
OG	AY*	JP5340872	12/24/1993	JAPAN			
OG	AZ*	JP6018411	01/25/1994	JAPAN			

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

OG	BA*	Uehara et al., Isotope Analysis of Environmental Substances by a New Laser-Spectroscopic Method Utilizing Different Pathlengths, Sensors and Actuators B 74 (2001) pp. 173-178
OG	BB*	Becker et al., Stable Isotope Analysis Using Tunable Diode Laser Spectroscopy, Applied Optics, April 20, 1992, Vol. 31, No. 12, pp. 1921-1927
OG	BC*	European Search Report for European Application No. EP 03 25 5126, dated June 4, 2003 (3 p.)

EXAMINER

Owl Cales

DATE CONSIDERED

12/13/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Atty. Docket No.  
1391-27809Serial No.  
10/790,287**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	Translation YES	NO

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

OG	AA*	Woltemate et al., <i>Carbon and Hydrogen Isotopic Composition of Bacterial Methane in a Shallow Freshwater Lake</i> , Limnol Oceanogr., pgs. 985-992 (1984)
OG	AB*	Blair, <i>The δ13 of Biogenic Methane in Marine Sediments: the influence of C org Deposition Rate</i> , Chemical Geology 152 (1998) 139-150
OG	AC*	Berner et al., <i>Primary Cracking of Algal and Landplant Kerogens: Kinetic Models of Isotope Variations in Methane, Ethane and Propane</i> , Chemical Geology 126 (1995) pp. 233-245

EXAMINER	DATE CONSIDERED
Dick Baker	12/13/04

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